# LANmark Power-OF Cable 1.5 mm²

**LANMARK POWER-OF 2X1,5 CCA WHITE**

**Aginode Ref:** NFP1.A24A2A-WC

Hybrid cable with optical fibres and power conductors, designed for fixed installations requiring high fire performance.

- 2 x G.657.A2 fibres (Ø 0.9 mm)
- 2 x 1.5 mm² copper conductors
- White LSZH sheath – UV resistant
- CPR classification: **Cca**
- Indoor cable




Hybrid cable integrating optical and power transmission in a single compact design. Each function is built as a separate sub-unit:




**Fibre Unit**

- 2 single-mode fibres (G.657.A2)
- Tight buffer Ø 0.9 mm
- Aramid yarns
- LSZH flame-retardant sheath Ø 2.0 mm

**Power Unit**

- 2 x 1.5 mm² stranded bare copper
- LSZH flame-retardant insulation Ø 2.9 mm
- Water-blocking tape
- LSZH sheath Ø 7.0 mm – UV resistant

**General**

- Outer sheath: white LSZH
- Fire rating: **EN 50575 – Cca**
- Standards: **RoHS 2011/65/EU**, **REACH EC 1907/2006**

**Application:**

- Indoor routing

## STANDARDS

EN 50575
IEC 60228

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# LANmark Power-OF 2x1,5 Cca White

## Characteristics

| | |
|---|---|
| **구조적 특성** | |
| Sheath colour | 하얀색 |
| Insulating material | EN 50290-2-26 (LSZH) |
| 색상 | Data : blue and green - Power : black and blue |
| **치수** | |
| Nominal weight | 90 kg/km g/m |
| **전기적 특성** | |
| Maximum rated voltage | 450/750 V (Uo/U) kV |
| Conductor electrical resistance | 13.3 Ω/km (@ 20°C) Ohm/km |
| Test voltage | no break down V |
| Insulation resistance | 0.01 MΩ/km (@70°C) GOhm.km |
| **기계적 특성** | |
| Crush resistance | 300 N (Plate/plate) kN |
| Maximum installation tension | 150 N |
| **Transmission characteristics** | |
| Maximum/typical @ 1310 nm | 0.40/0.34 db/km |
| Maximum/typical @ 1550 nm | 0.25/0.20 db/km |
| Maximum/typical @ 1625 nm | 0.40/0.22 db/km |
| **사용 특성** | |
| Installation temperature, range | -15...50 °C |
| Storage temperature, range | -40...70 °C |
| Minimum dynamic operating bending radius | 82 mm |
| Minimum bending radius, static (XD) | 42 |
| 최대 운용 온도 | -30...70 °C |
| Fire resistant | Cca |

### DoP : Declaration of Performance

DoP_LANmark Power OF 2x1.5 Cca White.pdf pdf — 142.5 KB 다운로드

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